

Product Datasheet

TET1 Antibody - BSA Free NBP1-78966

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-78966

TET1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 30% Glycerol

Product Description

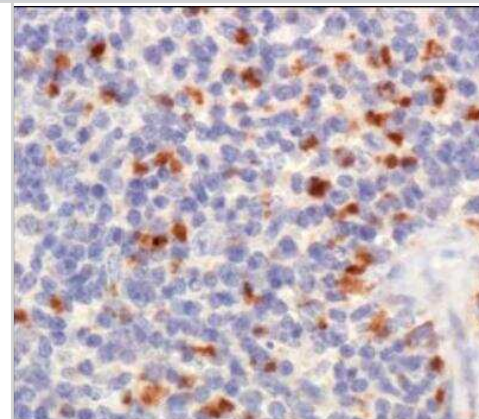
Description	Novus Biologicals Rabbit TET1 Antibody - BSA Free (NBP1-78966) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-TET1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	80312
Gene Symbol	TET1
Species	Mouse
Immunogen	A synthetic peptide made to an internal portion of the human TET1 protein (between residues 1700 to 1800). [UniProt Q8NFU7]

Product Application Details

Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, ICC/IF (Negative), Western Blot (Negative)
Recommended Dilutions	Immunohistochemistry 1:400, Immunohistochemistry-Paraffin 1:400, Western Blot (Negative), ICC/IF (Negative)
Application Notes	Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.

Images

Immunohistochemistry: TET1 Antibody [NBP1-78966] - Analysis of TET1 in mouse spleen using DAB with hematoxylin counterstain.



Publications

Joanna Rakoczy, Nisha Padmanabhan, Ada M Krzak, Jens Kieckbusch, Tereza Cindrova-Davies, Erica D Watson
Dynamic expression of TET1, TET2, and TET3 dioxygenases in mouse and human placentas throughout gestation.
Placenta 2018-07-09 [PMID: 29108636]

Moyon S, Frawley R, Marechal D et al. TET1-mediated DNA hydroxymethylation regulates adult remyelination in mice
Nature communications 2021-06-07 [PMID: 34099715] (IF/IHC, ICC/IF, Mouse)



Procedures

Serum protocol for TET1 Antibody (NBP1-78966)

TET1 Antibody:

Immunohistochemistry-Paraffin Embedded Sections

Antigen Unmasking:

Bring slides to a boil in 10 mM sodium citrate buffer (pH 6.0) then maintain at a sub-boiling temperature for 10 minutes. Cool slides on bench-top for 30 minutes.

Staining:

1. Wash sections in deionized water three times for 5 minutes each.
2. Wash sections in wash buffer for 5 minutes.
3. Block each section with 100-400 ul blocking solution for 1 hour at room temperature.
4. Remove blocking solution and add 100-400 ul diluted primary antibody. Incubate overnight at 4 C.
5. Remove antibody solution and wash sections in wash buffer three times for 5 minutes each.
6. Add 100-400 ul biotinylated diluted secondary antibody. Incubate 30 minutes at room temperature.
7. Remove secondary antibody solution and wash sections three times with wash buffer for 5 minutes each.
8. Add 100-400 ul Streptavidin-HRP reagent to each section and incubate for 30 minutes at room temperature.
9. Wash sections three times in wash buffer for 5 minutes each.
10. Add 100-400 ul DAB substrate to each section and monitor staining closely.
11. As soon as the sections develop, immerse slides in deionized water.
12. Counterstain sections in hematoxylin.
13. Wash sections in deionized water two times for 5 minutes each.
14. Dehydrate sections.
15. Mount coverslips.

*The above information is only intended as a guide. The researcher should determine what protocol best meets their needs. Please follow safe laboratory procedures.





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Products Related to NBP1-78966

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-78966B	TET1 Antibody [Biotin]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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